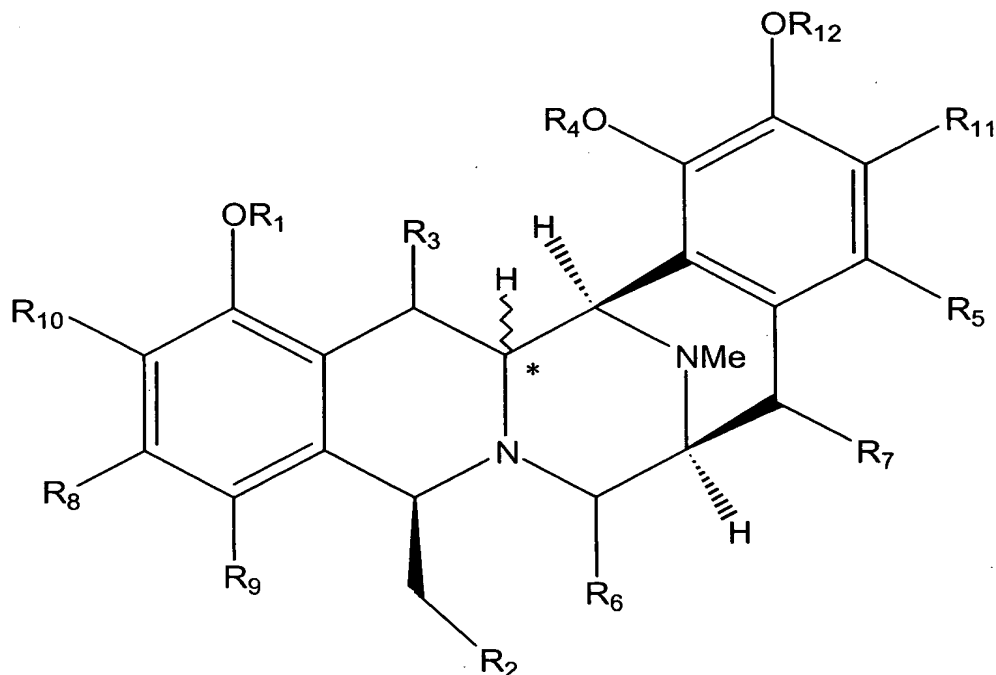


What is claimed is:

1. A compound having the formula:



wherein  $R_1$  and  $R_4$  is H, a  $C_1$  to  $C_4$  alkyl group, or an acyl group;

wherein  $R_2$  is an ether, ester, amide, aromatic group, a phthalimide group, a substituted phthalimide group or is covalently bound to  $R_6$ ;

wherein  $R_3$  is =O, OH, an ether group, an acyl group, or a sulfide group;

wherein  $R_5$  is H, halogen, OH,  $-OC_{(2-6)}$  alkyl group, an ether group, an acyl group, or an amide group;

wherein  $R_6$  is =O, OH,  $OCH_3$ , CN, an acyloxy group or is covalently bound to  $R_2$ ;

wherein  $R_7$ , is H, =O, OH,  $OCH_3$ , halogen, an ether group, or an acyl group;

wherein  $R_8$  and  $R_9$  are independently H,  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ , Br, F,  $CF_3$ , or  $R_8$  and  $R_9$  are joined together as a methylenedioxy group, or other five or six membered ring;

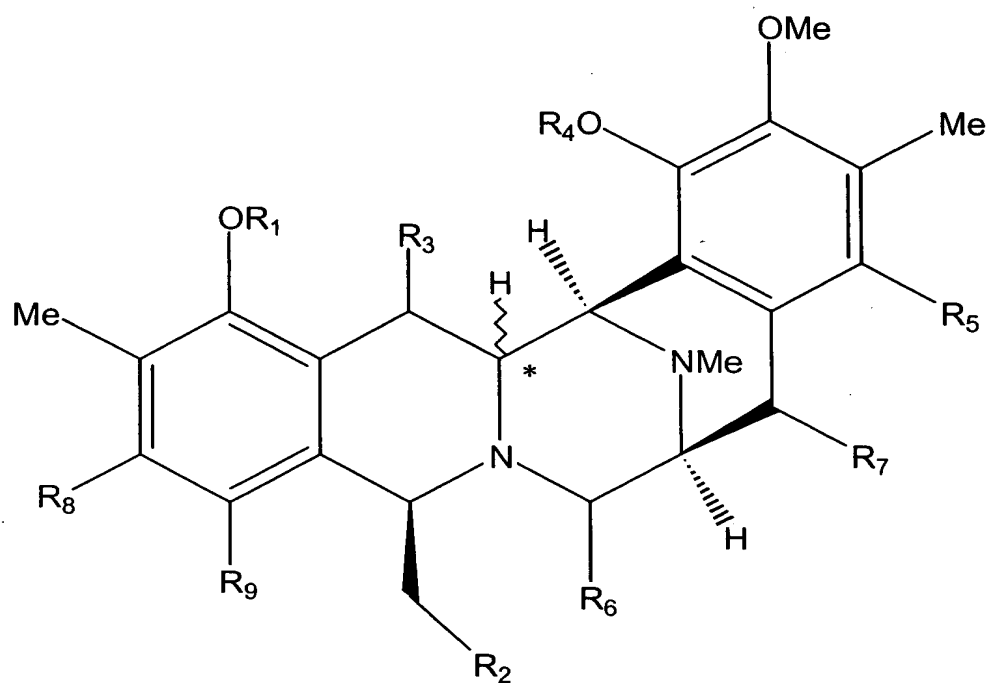
wherein  $R_{10}$  and  $R_{11}$  are independently  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ ,  $SCH_3$ ,

or  $\text{SC}_2\text{H}_5$ ;

wherein  $\text{R}_{12}$  is H, a  $\text{C}_1$  to  $\text{C}_4$  alkyl group, or an acyl group;  
and

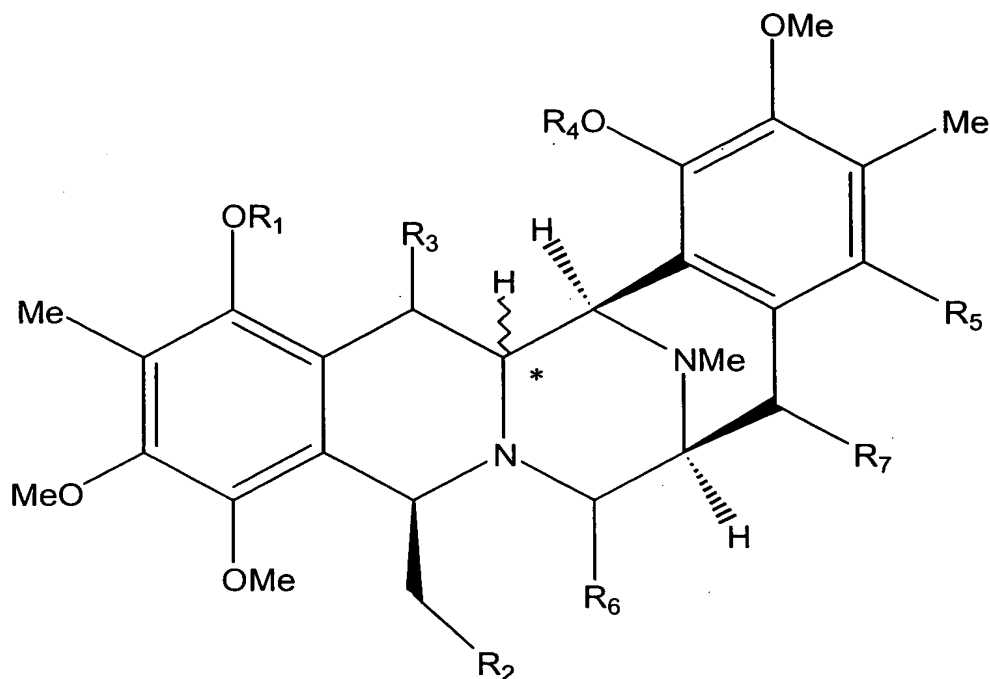
wherein the chiral center marked \* has the R or the S configuration.

2. The compound of claim 1, having the formula:



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>8</sub>, and R<sub>9</sub> are defined as in claim 1.

3. The compound of claim 2, having the formula:

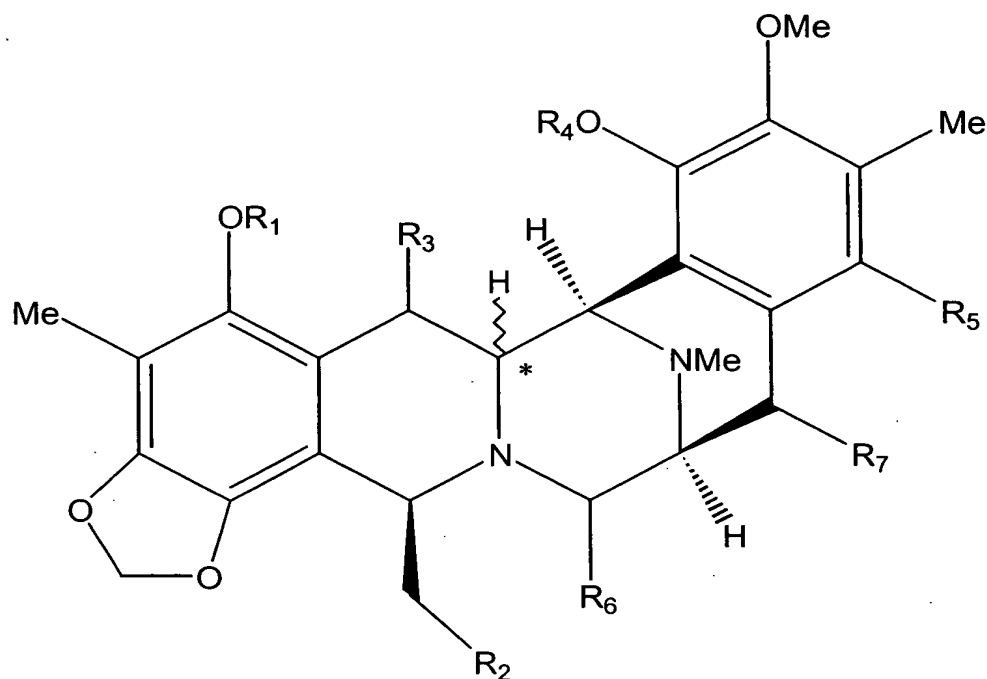


wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and  $R_7$  are defined as in claim 1.

4. The compound of claim 3, wherein  $R_1$  is  $\text{CH}_3$ ,  $R_3$  is  $=\text{O}$ ,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is  $=\text{O}$ , and  $R_7$  is  $\text{H}$ .
5. The compound of claim 4, wherein  $R_2$  is  $\text{OC}(\text{O})\text{H}$ .
6. The compound of claim 4, wherein  $R_2$  is  $\text{H}$ .
7. The compound of claim 4, wherein  $R_2$  is  $\text{OH}$ .
8. The compound of claim 4, wherein  $R_2$  is  $-\text{O}-\text{benzene}$ .
9. The compound of claim 4, wherein  $R_2$  is  $\text{OCOCH}_3$ .
10. The compound of claim 4, wherein  $R_2$  is  $-\text{O}-t\text{-butyldimethylsilyl}$ .
11. The compound of claim 4, wherein  $R_2$  is  $-\text{O}-\text{Pivaloyl}$ .

12. The compound of claim 3, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is  $CH_3$ ,  $R_5$  is  $OCH_3$ ,  $R_6$  is =O, and  $R_7$  is H.
13. The compound of claim 12, wherein  $R_2$  is -O-pivaloyl.
14. The compound of claim 3, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is benzene<sub>3</sub>,  $R_5$  is  $OCH_3$ ,  $R_6$  is =O, and  $R_7$  is H.
15. The compound of claim 3, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is H,  $R_5$  is  $OCH_3$ ,  $R_6$  is =O, and  $R_7$  is H.
16. The compound of claim 3, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is H,  $R_5$  is H,  $R_6$  is =O, and  $R_7$  is H.
17. The compound of claim 3, wherein  $R_3$  is =O,  $R_4$  is H,  $R_5$  is halogen,  $R_6$  is =O, and  $R_7$  is H.

18. The compound of claim 2, having the formula:



wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and  $R_7$  are defined as in claim 1.

19. The compound of claim 18, wherein  $R_1$  is  $\text{CH}_3$ ,  $R_3$  is  $=\text{O}$ ,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is  $=\text{O}$ , and  $R_7$  is  $\text{H}$ .

20. The compound of claim 19, wherein  $R_2$  is  $\text{OC}(\text{O})\text{H}$ .

21. The compound of claim 19, wherein  $R_2$  is  $\text{H}$ .

22. The compound of claim 19, wherein  $R_2$  is  $\text{OH}$ .

23. The compound of claim 19, wherein  $R_2$  is  $-\text{O}-\text{benzene}$ .

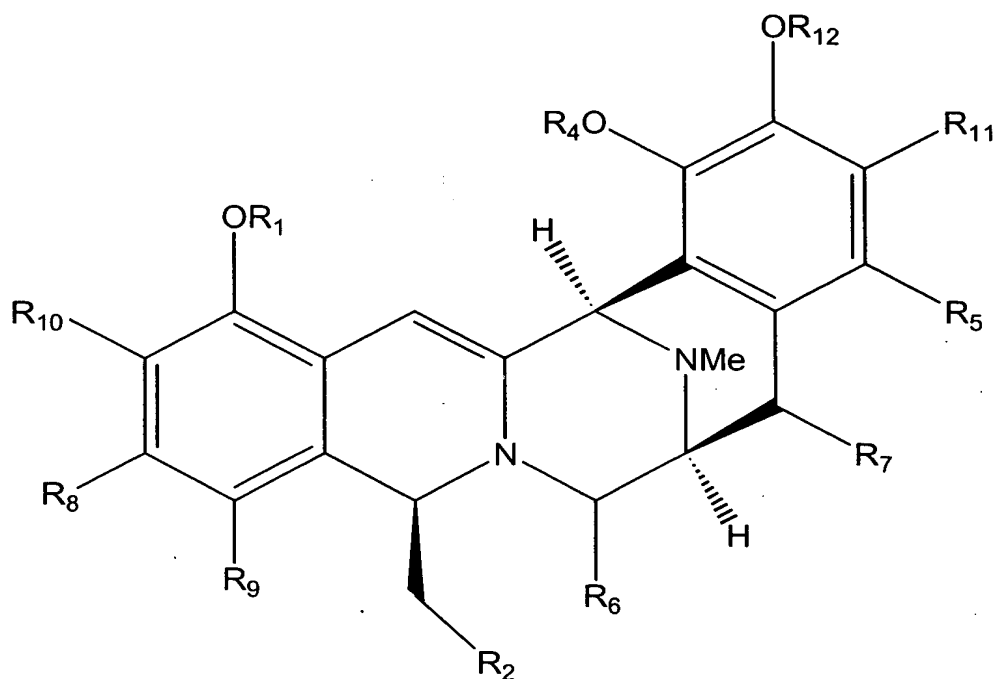
24. The compound of claim 19, wherein  $R_2$  is  $-\text{OCOCH}_3$ .

25. The compound of claim 19, wherein  $R_2$  is  $-\text{O}-t\text{-butyldimethylsilyl}$ .

26. The compound of claim 19, wherein  $R_2$  is  $-\text{O}-\text{Pivaloyl}$ .

27. The compound of claim 18, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is =O, and  $R_7$  is H.
28. The compound of claim 27, wherein  $R_2$  is -O-pivaloyl.
29. The compound of claim 18, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is benzene<sub>3</sub>,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is =O, and  $R_7$  is H.
30. The compound of claim 18, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is H,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is =O, and  $R_7$  is H.
31. The compound of claim 18, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is H,  $R_5$  is H,  $R_6$  is =O, and  $R_7$  is H.
32. The compound of claim 18, wherein  $R_1$  is H,  $R_3$  is =O,  $R_4$  is H,  $R_5$  is halogen,  $R_6$  is =O, and  $R_7$  is H.

33. A compound having the formula:



wherein R<sub>1</sub> and R<sub>4</sub> is H, a C<sub>1</sub> to C<sub>4</sub> alkyl group, or an acyl group;

wherein R<sub>2</sub> is an ether, ester, amide, an aromatic ring, a phthalimide group, a substituted phthalimide group or is covalently bound to R<sub>6</sub>;

wherein R<sub>5</sub> is H, halogen, OH, an ether group, an acyl group, or an amide group;

wherein R<sub>6</sub> is =O, OH, OCH<sub>3</sub>, CN, or an acyloxy group or is covalently bound to R<sub>2</sub>;

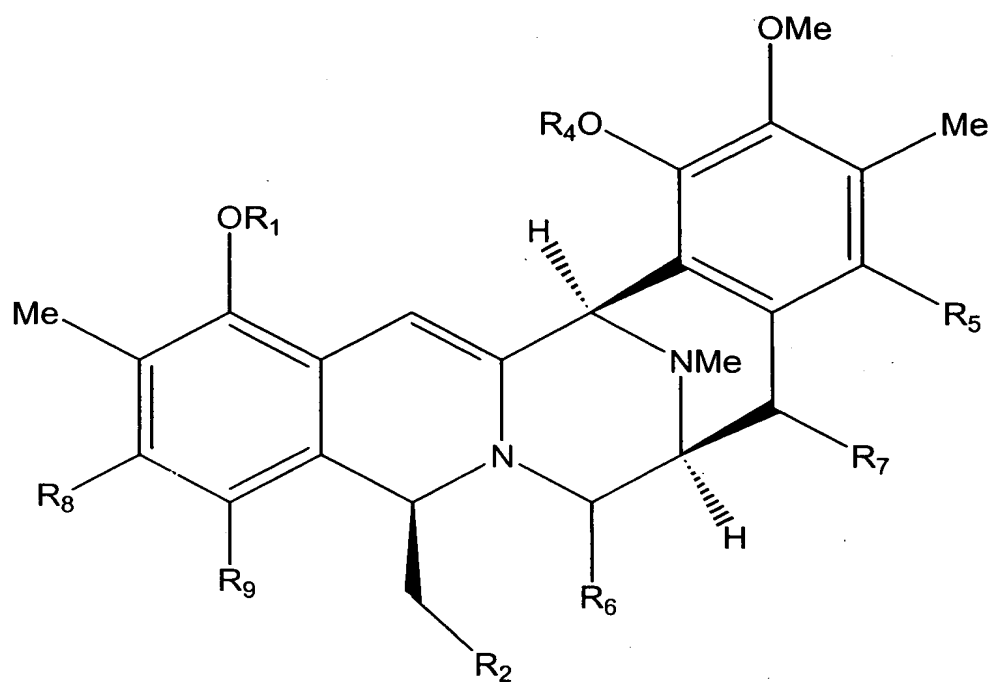
wherein R<sub>7</sub>, is =O, OH, halogen, an ether group, or an acyl group;

wherein R<sub>8</sub> and R<sub>9</sub> are independently H, CH<sub>3</sub>, OCH<sub>3</sub>, OC<sub>2</sub>H<sub>5</sub>, Br, F, CF<sub>3</sub>, or R<sub>8</sub> and R<sub>9</sub> are joined together as a methylenedioxy group, or other five or six membered ring;

wherein R<sub>10</sub> and R<sub>11</sub> are independently CH<sub>3</sub>, OCH<sub>3</sub>, OC<sub>2</sub>H<sub>5</sub>, SCH<sub>3</sub>, or SC<sub>2</sub>H<sub>5</sub>;

wherein R<sub>12</sub> is H, a C<sub>1</sub> to C<sub>4</sub> alkyl group, or an acyl group.

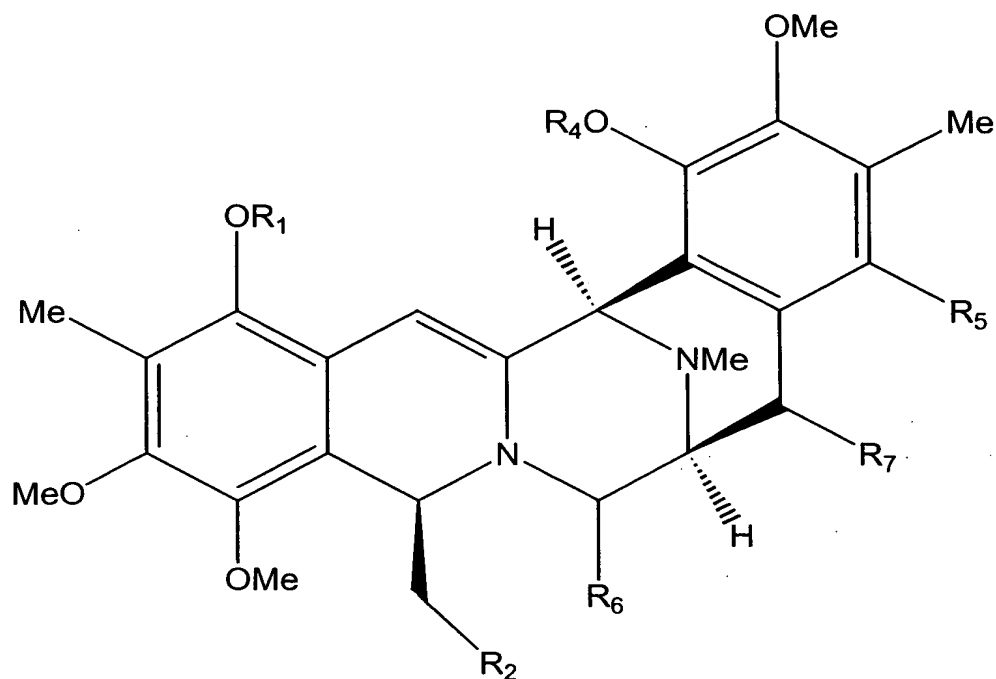
34. The compound of claim 33, having the formula:



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>8</sub> and R<sub>9</sub> are defined as in claim 33.

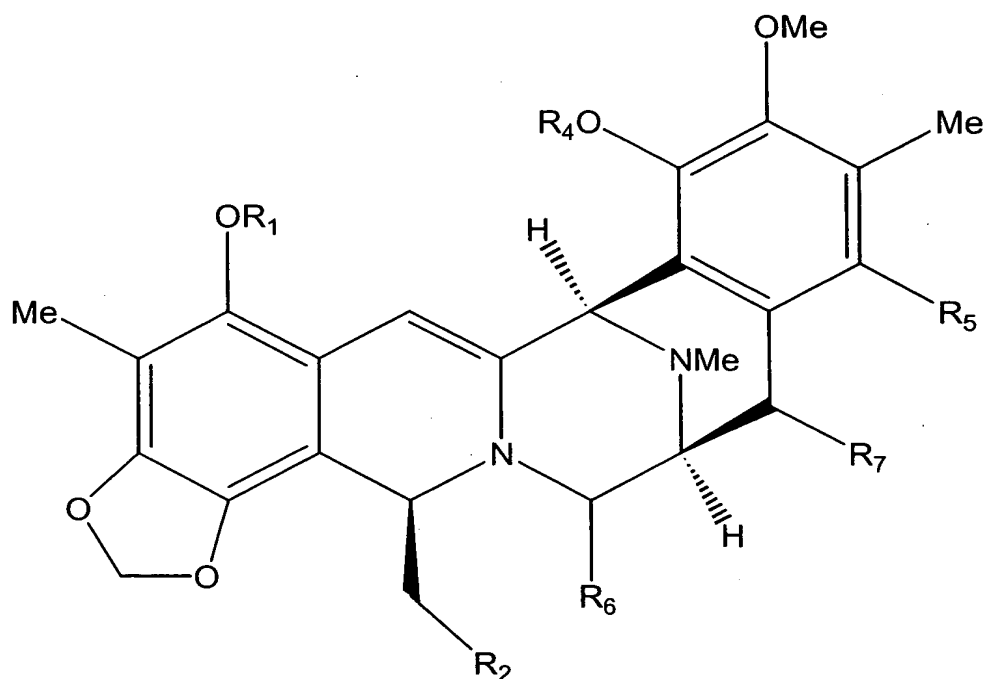
43. The compound of claim 36, wherein  $R_2$  is -O-Pivaloyl.
44. The compound of claim 35, wherein  $R_1$  is H,  $R_4$  is  $CH_3$ ,  $R_5$  is  $OCH_3$ ,  $R_6$  is  $=O$ , and  $R_7$  is H.
45. The compound of claim 44, wherein  $R_2$  is -O-pivaloyl.
46. The compound of claim 35, wherein  $R_1$  is H,  $R_4$  is benzene<sub>3</sub>,  $R_5$  is  $OCH_3$ ,  $R_6$  is  $=O$ , and  $R_7$  is H.
47. The compound of claim 35, wherein  $R_1$  is H,  $R_4$  is H,  $R_5$  is  $OCH_3$ ,  $R_6$  is  $=O$ , and  $R_7$  is H.
48. The compound of claim 35, wherein  $R_1$  is H,  $R_4$  is H,  $R_5$  is H,  $R_6$  is  $=O$ , and  $R_7$  is H.
49. The compound of claim 35, wherein  $R_1$  is H,  $R_4$  is H,  $R_5$  is halogen,  $R_6$  is  $=O$ , and  $R_7$  is H.

35. The compound of claim 34, having the formula:



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, and R<sub>7</sub> are defined as in claim 33.

36. The compound of claim 35, wherein R<sub>1</sub> is CH<sub>3</sub>, R<sub>4</sub> is CH<sub>3</sub>, R<sub>5</sub> is OCH<sub>3</sub>, R<sub>6</sub> is =O, and R<sub>7</sub> is H.
37. The compound of claim 36, wherein R<sub>2</sub> is OC(O)H.
38. The compound of claim 36, wherein R<sub>2</sub> is H.
39. The compound of claim 36, wherein R<sub>2</sub> is OH.
40. The compound of claim 36, wherein R<sub>2</sub> is -O-benzene.
41. The compound of claim 36, wherein R<sub>2</sub> is OCOCH<sub>3</sub>.
42. The compound of claim 36, wherein R<sub>2</sub> is -O-*t*-butyldimethylsilyl.

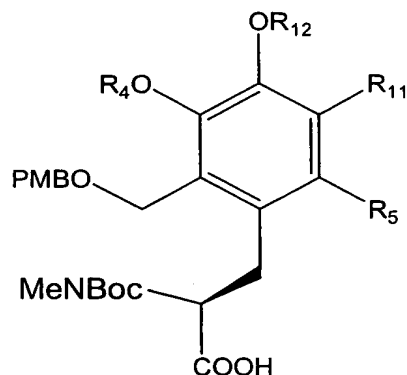


wherein  $R_1$ ,  $R_2$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and  $R_7$  are defined as in claim 33.

51. The compound of claim 50, wherein  $R_1$  is  $CH_3$ ,  $R_4$  is  $CH_3$ ,  $R_5$  is  $OCH_3$ ,  $R_6$  is  $=O$ , and  $R_7$  is  $H$ .
52. The compound of claim 51, wherein  $R_2$  is  $OC(O)H$ .
53. The compound of claim 51, wherein  $R_2$  is  $H$ .
54. The compound of claim 51, wherein  $R_2$  is  $OH$ .
55. The compound of claim 51, wherein  $R_2$  is  $-O$ -benzene.
56. The compound of claim 51, wherein  $R_2$  is  $OCOCH_3$ .
57. The compound of claim 51, wherein  $R_2$  is  $-O$ -*t*-butyldimethylsilyl.
58. The compound of claim 51, wherein  $R_2$  is  $-O$ -Pivaloyl.

59. The compound of claim 50, wherein  $R_1$  is H,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is  $=\text{O}$ , and  $R_7$  is H.
60. The compound of claim 59, wherein  $R_2$  is -O-pivaloyl.
61. The compound of claim 50, wherein  $R_1$  is H,  $R_4$  is benzene<sub>3</sub>,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is  $=\text{O}$ , and  $R_7$  is H.
62. The compound of claim 50, wherein  $R_1$  is H,  $R_4$  is H,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is  $=\text{O}$ , and  $R_7$  is H.
63. The compound of claim 50, wherein  $R_1$  is H,  $R_4$  is H,  $R_5$  is H,  $R_6$  is  $=\text{O}$ , and  $R_7$  is H.
64. The compound of claim 50, wherein  $R_1$  is H,  $R_4$  is H,  $R_5$  is halogen,  $R_6$  is  $=\text{O}$ , and  $R_7$  is H.

65. A compound having the formula:



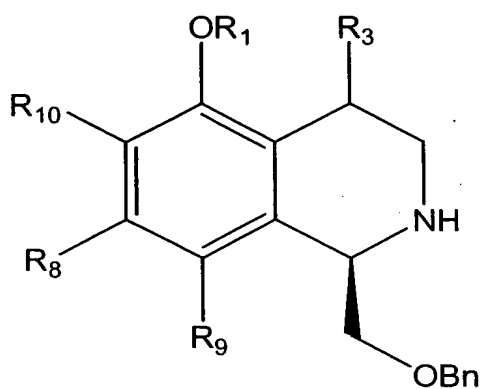
wherein  $R_4$  is H, a  $C_1$  to  $C_4$  alkyl group, or an acyl group;

wherein  $R_5$  is H, halogen, OH, an ether group, an acyl group, a sulfide group or an amide group;

wherein  $R_{11}$  is  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ ,  $SCH_3$ , or  $SC_2H_5$ ; and

wherein  $R_{12}$  is H, a  $C_1$  to  $C_4$  alkyl group, or an acyl group.

66. A compound having the formula:



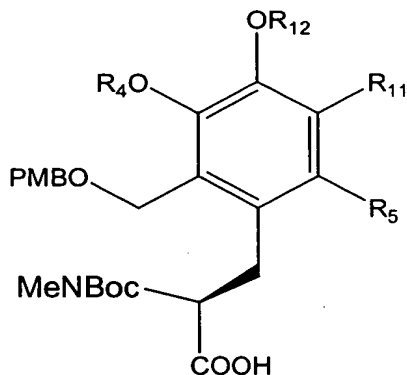
wherein  $R_1$  is H, a  $C_1$  to  $C_4$  alkyl group, or an acyl group;

wherein  $R_3$  is  $=O$ , OH, an ether group, an acyl group, a sulfide group or an amide group;

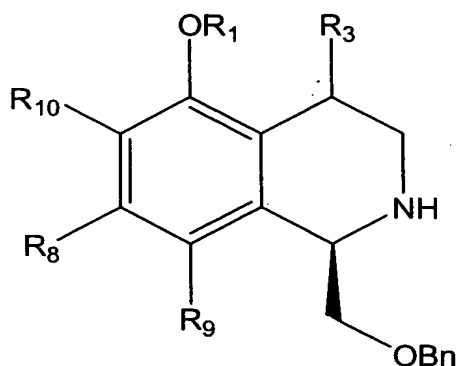
wherein  $R_8$  and  $R_9$  are independently H,  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ ,  $SCH_3$ ,  $SC_2H_5$ , or  $R_8$  and  $R_9$  are joined together to form a five or six membered ring;

wherein  $R_{10}$  is  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ ,  $SCH_3$ , or  $SC_2H_5$ .

67. A method of producing the compound of claim 1, comprising reacting a compound having the formula A as follows



with a compound having the formula B as follows



wherein R<sub>1</sub> and R<sub>4</sub> is H, a C<sub>1</sub> to C<sub>4</sub> alkyl group, or an acyl group;

wherein R<sub>3</sub> is =O, OH, an ether group, an acyl group, a sulfide group or an amide group;

wherein R<sub>5</sub> is H, halogen, OH, an ether group, an acyl group, a sulfide group or an amide group;

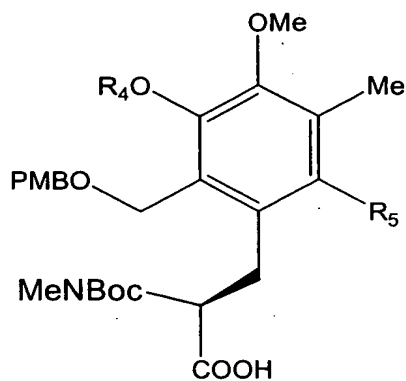
wherein R<sub>8</sub> and R<sub>9</sub> are independently H, CH<sub>3</sub>, OCH<sub>3</sub>, OC<sub>2</sub>H<sub>5</sub>, SCH<sub>3</sub>, SC<sub>2</sub>H<sub>5</sub>, or R<sub>8</sub> and R<sub>9</sub> are joined together to form a five or six membered ring;

wherein R<sub>10</sub> and R<sub>11</sub> are independently CH<sub>3</sub>, OCH<sub>3</sub>, OC<sub>2</sub>H<sub>5</sub>, SCH<sub>3</sub>, or SC<sub>2</sub>H<sub>5</sub>; and

wherein R<sub>12</sub> is H, a C<sub>1</sub> to C<sub>4</sub> alkyl group, or an acyl group, so as to produce the compound of claim 1.

68. The method of claim 67, wherein the reaction is performed in the presence of *N,N*-bis(2-oxo-3-oxazolidinyl)phosphinic chloride.
69. The method of claim 67, wherein the reaction is performed in the presence of Dess-Martin periodinate.
70. The method of claim 69, wherein the reaction is further performed in the presence of  $\text{CH}_2\text{Cl}_2$ .
71. A method of producing the compound of claim 33, comprising reacting the compound of claim 1 with camphor sulfonic acid (CSA) in the presence of toluene.
72. A pharmaceutical composition for treating a tumor in a subject, comprising a pharmaceutically effective amount of the compound of claim 1 or 33 and a pharmaceutically acceptable carrier.
73. A method of inhibiting proliferation of tumor cells which comprises contacting the cells under suitable conditions with an effective amount of the compound of claim 1 or 33.
74. A method of treating a patient having a tumor characterized by proliferation of neoplastic cells which comprises administering to the patient an effective amount of the compound of claim 1 or 33.
75. The method of claim 74, wherein the effective amount is from about 0.5 mg to about 5 mg per day.
76. The method of claim 75, wherein the effective amount is from about 1 mg to about 3 mg per day.
77. The method of claim 76, wherein the effective amount is about 2 mg per day.

78. The compound of claim 65, having the formula:

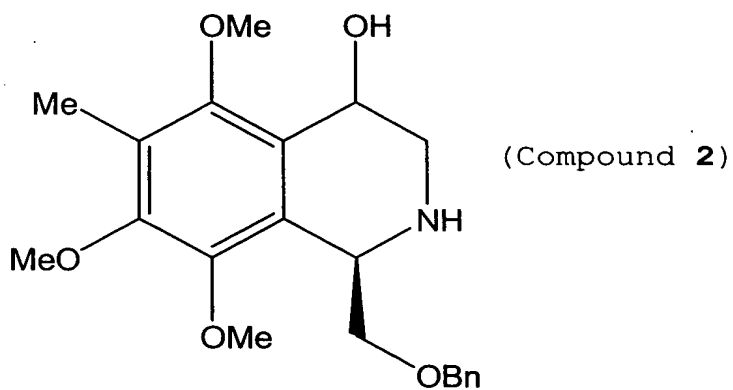


wherein R<sub>4</sub> and R<sub>5</sub> are defined as in claim 65.

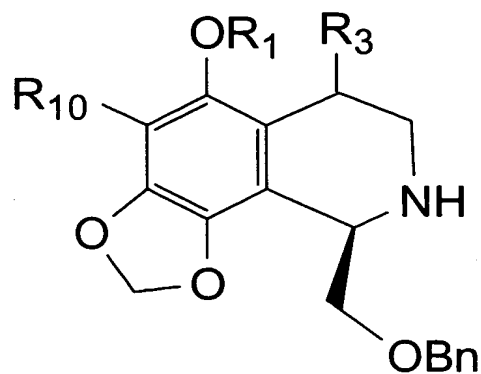
79. A compound as in claim 78, wherein R<sub>4</sub> is CH<sub>3</sub> and R<sub>5</sub> is CH<sub>3</sub> (compound 1).

80. A compound as in claim 78, wherein R<sub>4</sub> is Bn and R<sub>5</sub> is H (compound 3).

81. The compound of claim 66 having the formula:

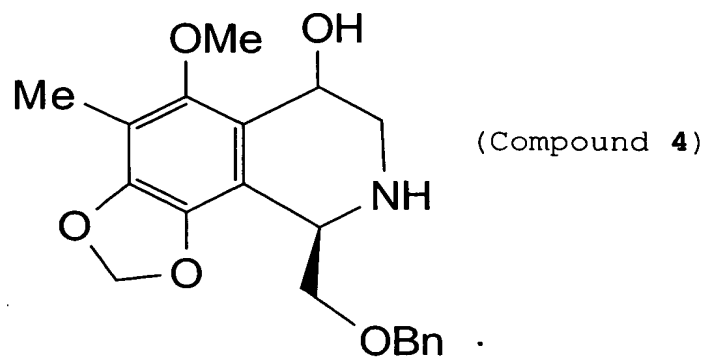


82. The compound of claim 66, having the formula:

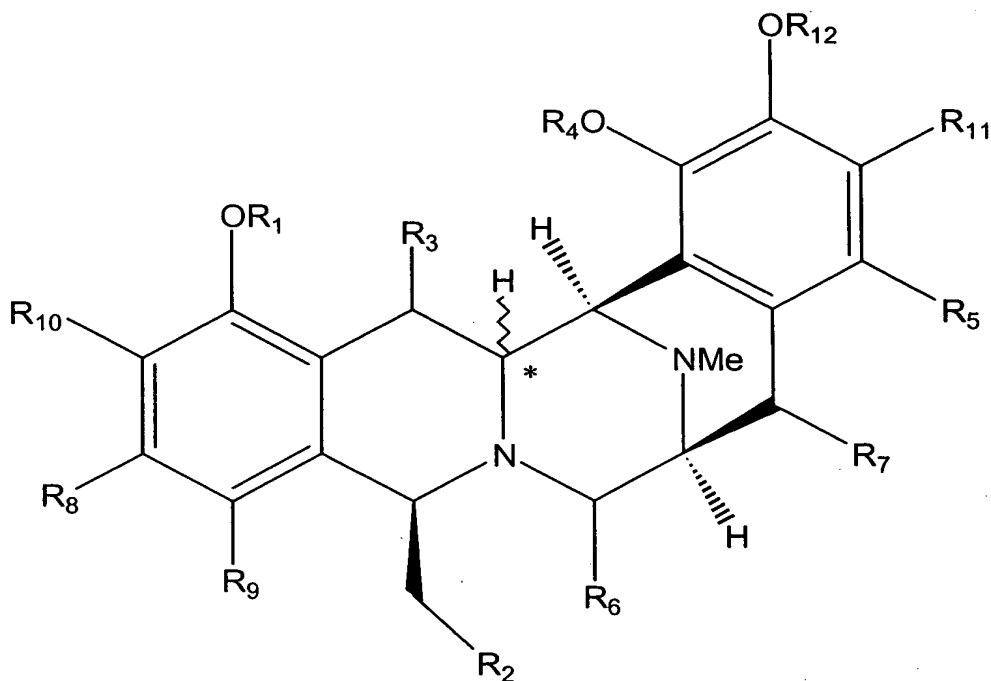


wherein  $R_1$ ,  $R_3$ , and  $R_{10}$ , are defined as in claim 66.

83. The compound of claim 82, having the formula:



84. A compound having the formula:



wherein  $R_1$  and  $R_4$  is H, a  $C_1$  to  $C_4$  alkyl group, or an acyl group;

wherein  $R_2$  is an ether, ester, amide, aromatic group or is covalently bound to  $R_6$ ;

wherein  $R_3$  is =O, OH, H, an ether group, an acyl group, or a sulfide group;

wherein  $R_5$  is H, halogen, OH,  $-OC_{(2-6)}$  alkyl group, an ether group, an acyl group, or an amide group;

wherein  $R_6$  is =O, OH,  $OCH_3$ , CN, or an acyloxy group or is covalently bound to  $R_2$ ;

wherein  $R_7$ , is H, =O, OH,  $OCH_3$ , halogen, an ether group, or an acyl group;

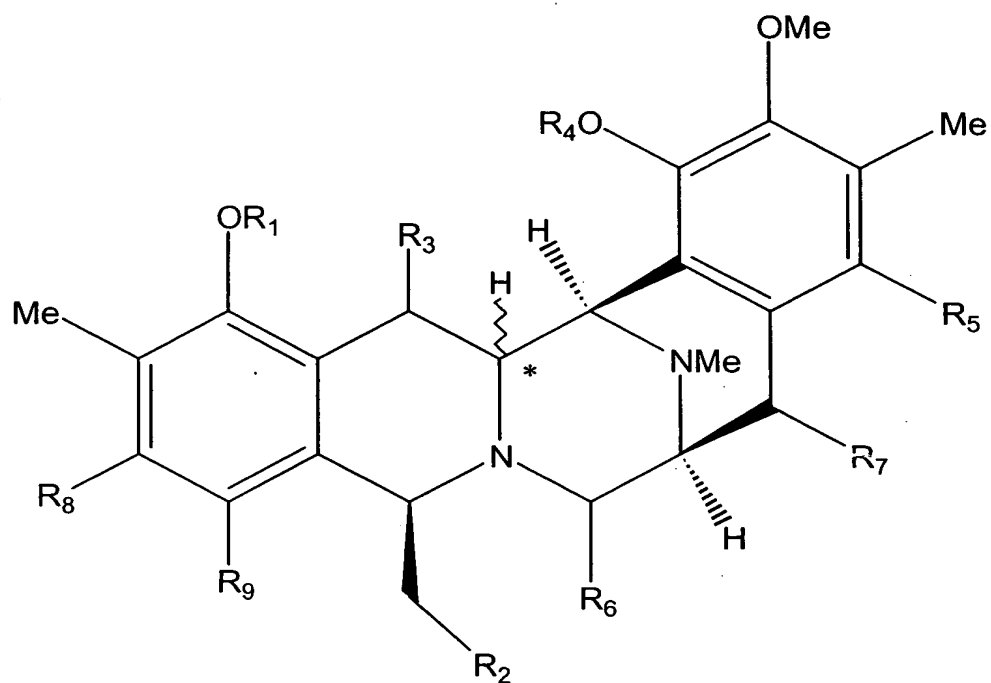
wherein  $R_8$  and  $R_9$  are independently H,  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ , Br, F,  $CF_3$ , or  $R_8$  and  $R_9$  are joined together as a methylenedioxy group, or other five or six membered ring;

wherein  $R_{10}$  and  $R_{11}$  are independently  $CH_3$ ,  $OCH_3$ ,  $OC_2H_5$ ,  $SCH_3$ , or  $SC_2H_5$ ;

wherein  $R_{12}$  is H, a  $C_1$  to  $C_4$  alkyl group, or an acyl group; and

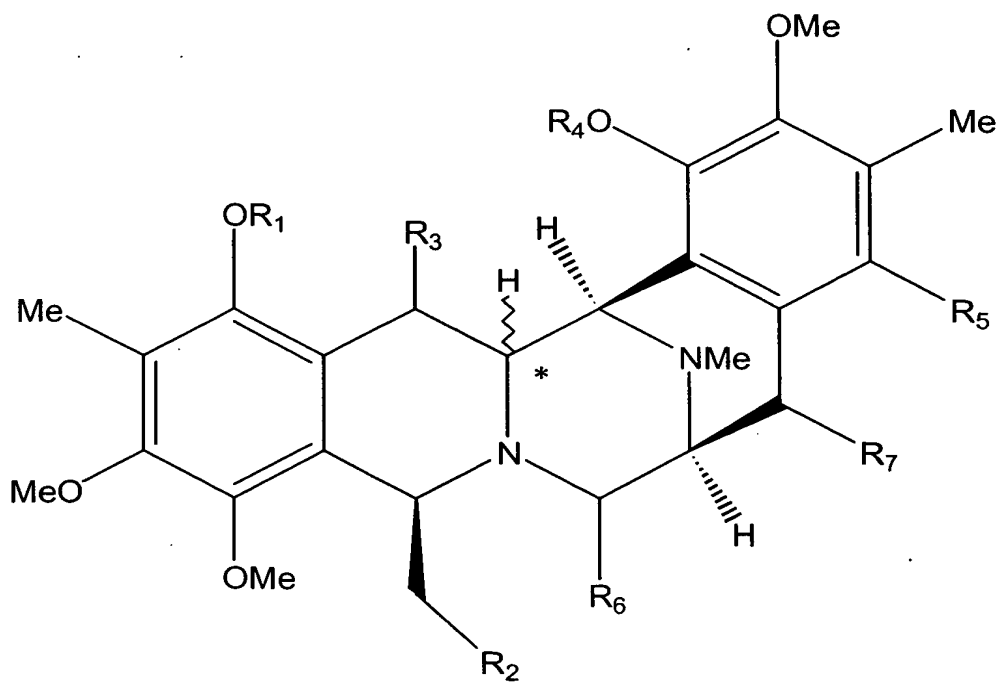
wherein the chiral center marked \* has the R or the S configuration.

85. The compound of claim 84, having the formula:



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, R<sub>7</sub>, R<sub>8</sub>, and R<sub>9</sub> are defined as in claim 84.

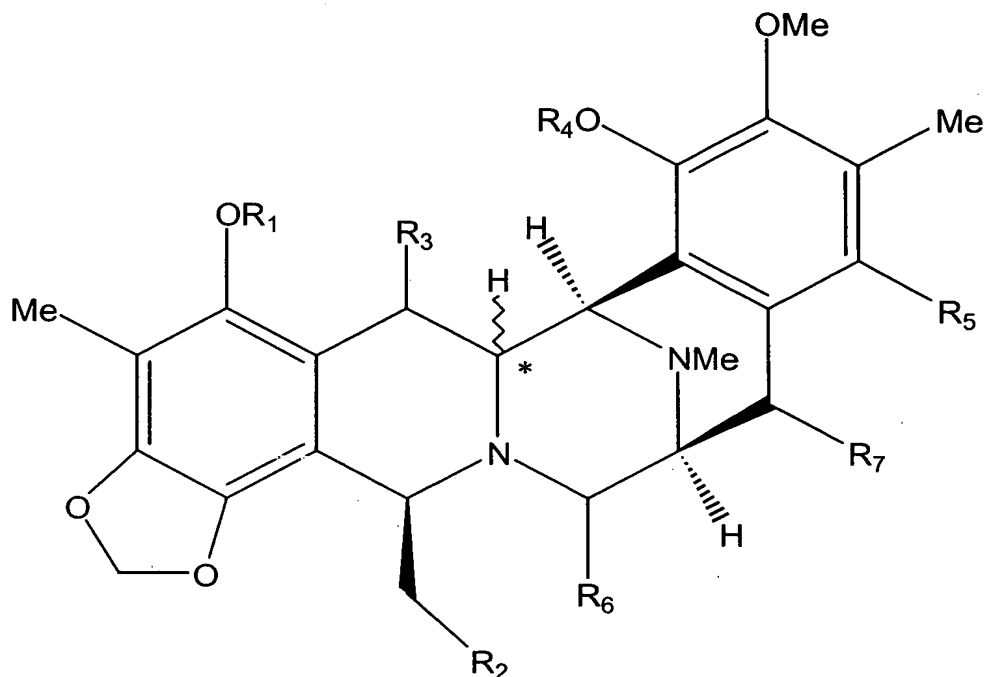
86. The compound of claim 85, having the formula:



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub>, and R<sub>7</sub> are defined as in claim 84.

87. The compound of claim 86, wherein  $R_1$  is H,  $R_2$  is OH,  $R_3$  is H,  $R_4$  is H,  $R_5$  is H,  $R_6$  is =O, and  $R_7$  is H (Compound **113**).
88. The compound of claim 86, wherein  $R_3$  is H,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ , and  $R_7$  is H.
89. The compound of claim 88, wherein  $R_2$  is OH.
90. The compound of claim 89, wherein  $R_6$  is H and  $R_1$  is  $\text{CH}_3$  (Compound **107**).
91. The compound of claim 89, wherein  $R_6$  is =O and  $R_1$  is H (Compound **104**).
92. The compound of claim 88, wherein  $R_2$  and  $R_6$  are joined as an ester bond.
93. The compound of claim 92, wherein  $R_1$  is H (Compound **105**).
94. The compound of claim 92, wherein  $R_1$  is  $\text{CH}_3$  (Compound **106**).

95. The compound of claim 84, having the formula:



wherein  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_6$ , and  $R_7$  are defined as in claim 84.

96. The compound of claim 95, wherein  $R_1$  is H,  $R_2$  is OH,  $R_6$  is =O, and  $R_7$  is H.

97. The compound of claim 96, wherein  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ .

98. The compound of claim 97, wherein  $R_3$  is OH (Compound **109**).

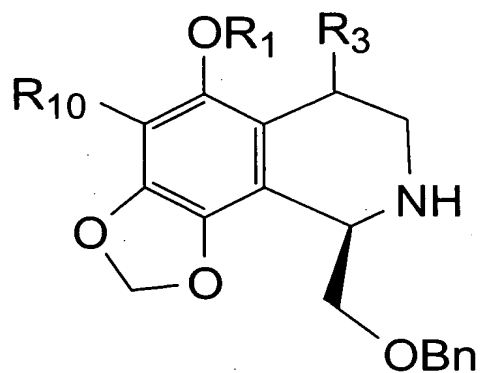
99. The compound of claim 97, wherein  $R_3$  is H (Compound **111**).

100. The compound of claim 96, wherein  $R_3$  is H,  $R_4$  is H and  $R_5$  is H (Compound **112**).

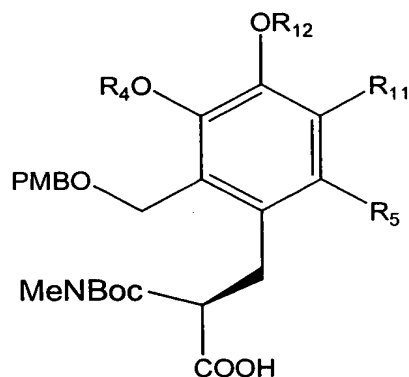
101. The compound of claim 95, wherein  $R_1$  is H,  $R_2$  is OH,  $R_3$  is =O,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{OCH}_3$ ,  $R_6$  is =O, and  $R_7$  is H. (Compound **108**).

102. The compound of claim 50, wherein  $R_1$  is H,  $R_2$  is OH,  $R_4$  is  $\text{CH}_3$ ,  $R_5$  is  $\text{CH}_3$ ,  $R_6$  is  $=\text{O}$ , and  $R_7$  is H (Compound **110**).

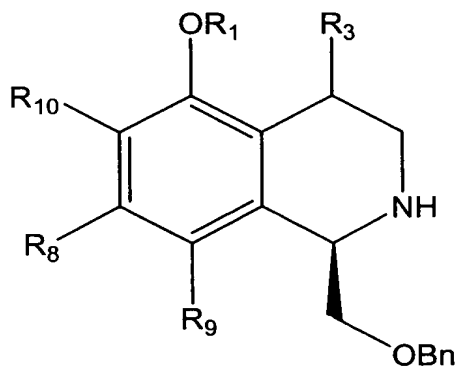
103. The method of claim 67, wherein the compound having formula B is:



104. A method of producing the compound of claim 84, comprising reacting a compound having the formula A as follows:



with a compound having the formula C as follows:



wherein R<sub>1</sub> and R<sub>4</sub> is H, a C<sub>1</sub> to C<sub>4</sub> alkyl group, or an acyl group;

wherein R<sub>3</sub> is =O, OH, an ether group, an acyl group, a sulfide group, an amide group H;

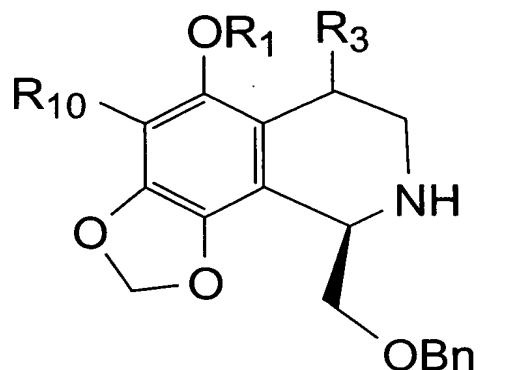
wherein R<sub>5</sub> is H, halogen, OH, an ether group, an acyl group, a sulfide group or an amide group;

wherein R<sub>8</sub> and R<sub>9</sub> are independently H, CH<sub>3</sub>, OCH<sub>3</sub>, OC<sub>2</sub>H<sub>5</sub>, SCH<sub>3</sub>, SC<sub>2</sub>H<sub>5</sub>, or R<sub>8</sub> and R<sub>9</sub> are joined together to form a five or six membered ring;

wherein R<sub>10</sub> and R<sub>11</sub> are independently CH<sub>3</sub>, OCH<sub>3</sub>, OC<sub>2</sub>H<sub>5</sub>, SCH<sub>3</sub>, or SC<sub>2</sub>H<sub>5</sub>; and

wherein R<sub>12</sub> is H, a C<sub>1</sub> to C<sub>4</sub> alkyl group, or an acyl group, so as to produce the compound of claim 84.

105. The method of claim 104, wherein the compound having the formula C is:



106. The method of claim 104, wherein the reaction is performed in the presence of *N,N*-bis(2-oxo-3-oxazolidinyl)phosphinic chloride.
107. The method of claim 104, wherein the reaction is performed in the presence of Dess-Martin periodinate.
108. The method of claim 107, wherein the reaction is further performed in the presence of CH<sub>2</sub>Cl<sub>2</sub>.
109. The method of claim 104, wherein the reaction is performed in the presence of H<sub>2</sub>, 10%Pd/C, Ethanol-ascetic acid and hydrochloric acid.
110. A method of producing the compound of claim 1, comprising reacting the compound of claim 33 with H<sub>2</sub>, 10%Pd/C, Ethanol-ascetic acid in the presence of hydrochloric acid.

111. The compound of claim 33, wherein  $R_2$  is an ether, ester, amide, an aromatic ring or is covalently bound to  $R_6$ .
112. A method of preparing the compound in claim 1, comprising reacting the compound in claim 111 with  $H_2$ , 10%Pd/C, Ethanol-ascetic acid in the presence of hydrochloric acid.
113. The compound of claim 50, wherein  $R_2$  is an ether, ester, amide, an aromatic ring or is covalently bound to  $R_6$ .
114. A method of preparing the compound in claim 18, comprising reacting the compound in claim 113 with  $H_2$ , 10%Pd/C, Ethanol-ascetic acid in the presence of hydrochloric acid.
115. A pharmaceutical composition for treating a tumor in a subject, comprising a pharmaceutically effective amount of the compound of claim 84 or 95 and a pharmaceutically acceptable carrier.
116. A method of inhibiting proliferation of tumor cells which comprises contacting the cells under suitable conditions with an effective amount of the compound of claim 84 or 95.
117. A method of treating a patient having a tumor characterized by proliferation of neoplastic cells which comprises administering to the patient an effective amount of the compound of claim 84 or 95.
118. The method of claim 117, wherein the effective amount is from about 0.5 mg to about 5 mg per day.
119. The method of claim 118, wherein the effective amount is from about 1 mg to about 3 mg per day.

120. The method of claim 119, wherein the effective amount is about 2 mg per day.